DESIGN DESIGNATION

A.A.D.T. - 2023 = 5718 A.A.D.T. - 2043 = 6171

D.H.V. = 9.95%

T = 22.23%

V = 55 M.P.H.

LOCATION OF MONTGOMERY COUNTY

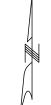
DIRECTIONAL DISTRIBUTION = 49.9% N / 51.1% S FUNCTIONAL CLASSIFICATION = MINOR ARTERIAL

NO NEW R/W

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

MONTGOMERY COUNTY T46N R5W



T47N T46N SB LOG MI. 73.408 <u>SB LOG MI. 73.522 🛣 </u> MONTGOMERY CO. GASCONADE CO. T45N R6W R5W R5W R4W R7W R6W

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY FROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
QUANTITIES (QU) (2 SHEETS)	2
TRAFFIC CONTROL SHEETS (TC)	3 - 8
PAVEMENT MARKING (PM)	9
BRIDGE DRAWINGS (B)	
A56242	1 - 2
A62881	1

LENGTH OF PROJECT

SB LM 73.021 SB LM 73.964

0.943 MILES

-0.114 MILES

-0.114 MILES

0.829 MILES

0.829 MILES

0.0 ACRES

BEGINNING OF PROJECT

EQUATIONS AND EXCEPTIONS:

SB LM 73.408 TO LM 73.522

END OF PROJECT APPARENT LENGTH

TOTAL CORRECTIONS

STATE LENGTH

NET LENGTH OF PROJECT

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

BR UNT NUM PE-200 OHOS-2028 BRIAN UNT	IAN IEDT 19001	1117 137 137	NINEED IN	THUMANITH THE	ALLY SEALED AND DATED
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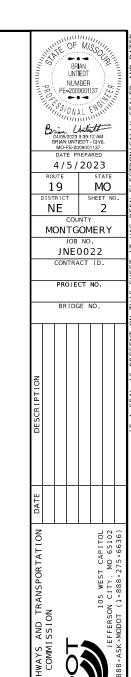


SHEET

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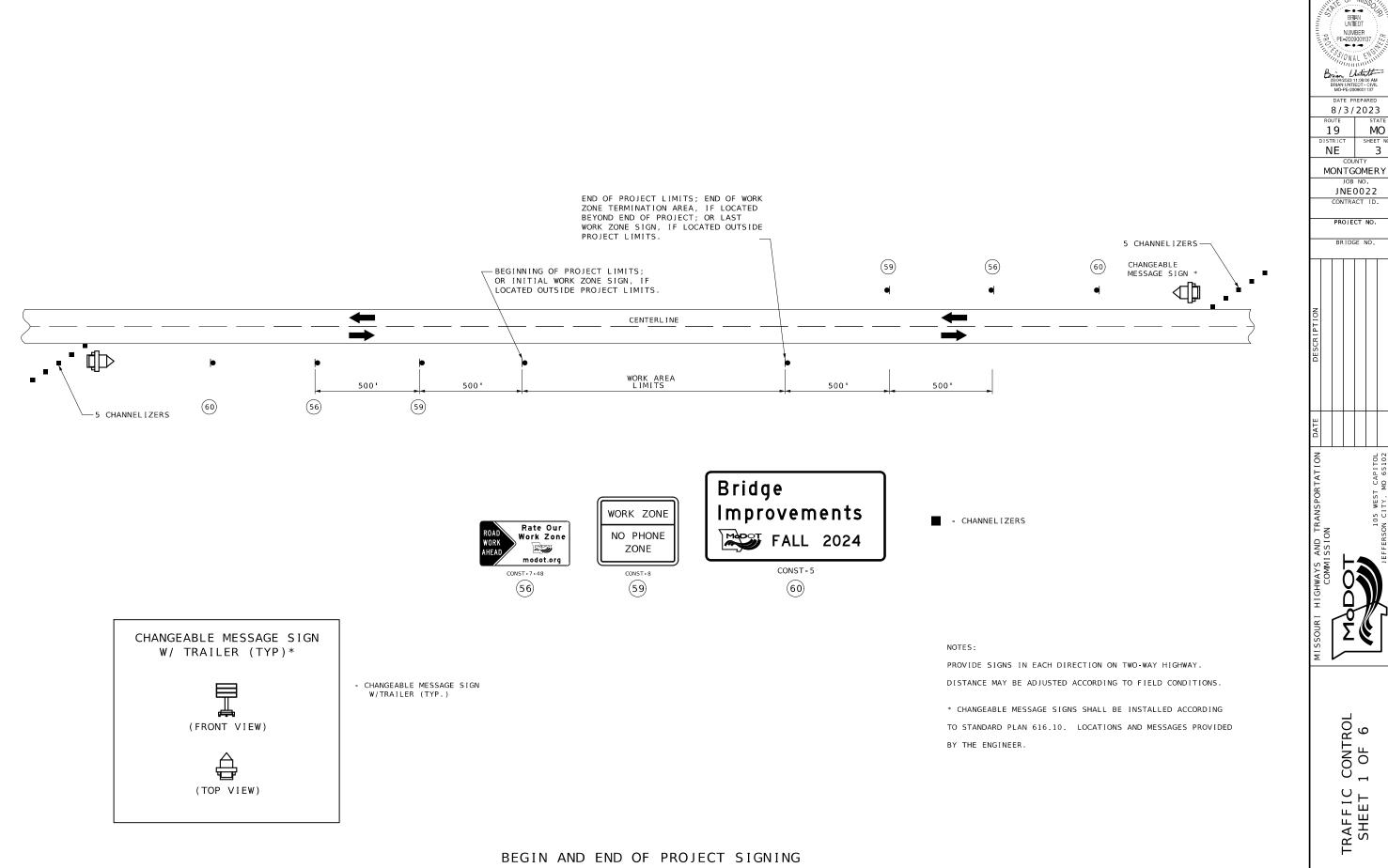
MOBILIZATION
LUMP SUM 1

	PAVEMENT MARKING											
			STANDARD	WATERBORNE		PREFORMED	PREFORMED					
			MARKIN	G PAINT		THERMOPLASTIC	THERMOPLASTIC					
			TYPE F	BEADS		PVMT MARKING	PVMT MARKING					
SB	SB	4" WHITE	4" YELLOW	8" WHITE	24" YELLOW	LT/RT ARROW	12" WHITE					
LOG MILE	LOG MILE	FEET	FEET	FEET	FEET	EACH	LF	REMARKS				
73.021	73.161	1,478	185	-	-	=	-	INTERMITTENT CENTERLINE & WHITE EDGELINE				
73.161	73.964	8,480	8,480	-	-	-	-	DOUBLE YELLOW CENTERLINE & WHITE EDGELINE				
73.922	73.942	-	200	-	-	-	-	ADDTL. DOUBLE YELLOW FOR LEFT TURN LANE				
73.945	73.964	100	-	-	-	-	-	WHITE SOLID FOR LEFT TURN LANE				
73.922	73.964	-	-	-	28	2	26	HASH LINES, ARROWS AND STOP BARS FOR LEFT TURN LANE				
73.961	73.964	-	-	15	-	-	-	WHITE SOLID FOR SIDEWALK/BIKE LANE				
	TOTAL	10,058	8,865	15	28	2	26	LOG MILES ARE APPROXIMATE - MATCH EXISTING STRIPING				



SUMMARY OF QUANTITIES SHEET 1 OF 2

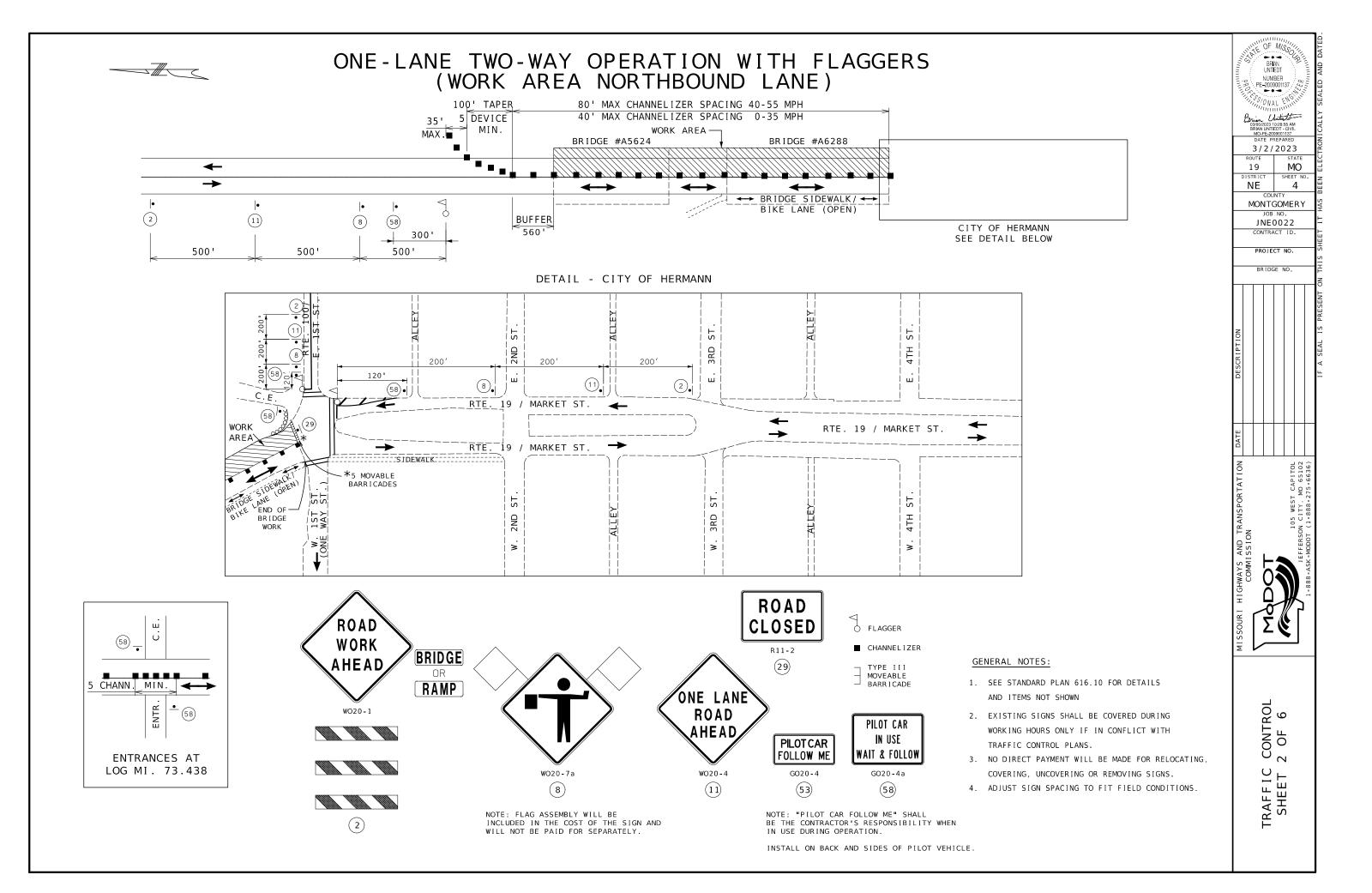
												EEEECTIVE: 04 01 2022	.,,,,,,,,
TOTAL QT	Y TOTAL SIGN	П			1	TOT	TOTAL	IGN				EFFECTIVE: 04-01-2023	J JULIE OF
SIZE AREA QTY AREA REL			517	FLARE	$ _{\Delta} _{\Delta TY}$	TOTALRELO							S S RRW
SIGN IN SQ.FT EACH SQ.FT. EAC		sign		1	1	SQ.FT. EAC				ITEM	ΤΟΤΔ		BRM UNTIE
WARNING SIGN				94		DE SIGNS	. 94		DESCRIPTION	NUMBER	OTY		PE-2009
WO1-1L 48X48 16.00	TURN (SYMBOL LEFT ARROW)	E05-1	36X4	8 12.0		1 1			GORE EXIT	6122008	Q 1 1	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	- IIII SOONA
WO1-1R 48X48 16.00	TURN (SYMBOL RIGHT ARROW)	E05-2		6 12.0					EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	27/1100
WO1-2L 48X48 16.00	CURVE (SYMBOL LEFT ARROW)	E05-2a	48X3	6 12.0	0				EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	Brian U
WO1-2R 48X48 16.00	CURVE (SYMBOL RIGHT ARROW)	GO20-1		_					ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	BRIAN UNTIE MO-PE-200 DATE PR
WO1 - 3L 48X48 16.00	REVERSE TURN (SYMBOL LEFT ARROW)	G020 - 2				13.5			END ROAD WORK	6122014 6122017		IMPACT ATTENUATOR 60 MPH (SAND BARRELS) IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	3/2/
WO1-3R 48X48 16.00 WO1-4L 48X48 16.00	REVERSE TURN (SYMBOL RIGHT ARROW) REVERSE CURVE (SYMBOL LEFT ARROW)	GO20-4		_		52.5			PILOT CAR FOLLOW ME PILOT CAR IN USE WAIT & FOLLOW	6122017		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	ROUTE
WO1-4R 48X48 16.00	REVERSE CURVE (SYMBOL RIGHT ARROW)	GO20 - 4a		_		13213			PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	19
WO1-4bL 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	GO20-5a		_					WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	DISTRICT NE
WO1-4bR 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MO4-8a	24X1	8 3.00					END DETOUR	6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	COUN
WO1-4cL 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	MO4-9L							DETOUR (LEFT ARROW)	6161008	3	ADVANCED WARNING RAIL SYSTEM	MONTGO
WO1-4cR 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MO4 - 9R		_					DETOUR (RIGHT ARROW)	6161012		BUOYS (BOATS KEEP OUT)	JOB JNE 0
WO1-6 60X30 12.50 WO1-6a 72X36 18.00	HORIZONTAL ARROW (SYMBOL) HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4 - 9P MO4 - 10L		_					STREET NAME (PLAQUE) DETOUR (ARROW LEFT)	6161013 6161014		BUOYS (NO WAKE) SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	CONTRAC
WO1-7 60X30 12.50	DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10E		_					DETOUR (ARROW RIGHT)	6161025	150	CHANNELIZER (TRIM LINE)	┤ ┃
WO1-7a 72X36 18.00	DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARK				_	ULATORY SI	GNS			6161030	5	TYPE III MOVEABLE BARRICADE	PROJEC
WO1-8 18X24 3.00	CHEVRON (SYMBOL)	R1-1	48X4	8 13.2					STOP	6161033		DIRECTION INDICATOR BARRICADE	BRIDG
WO1-8a 30X36 7.50	CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2		I 6.93					YIELD	6161040		FLASHING ARROW PANEL	- I
WO3-1 48X48 16.00	STOP AHEAD (SYMBOL)	R1-2a		6 9.00		+			TO ONCOMING TRAFFIC (PLAQUE)	6161047		TYPE III OBJECT MARKER	4
WO3-2 48X48 16.00 WO3-3 48X48 16.00	YIELD AHEAD (SYMBOL)	R1 - 3P	_	2 2.50		+			ALL WAY (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT	-
WO3-3 48X48 16.00 WO3-4 48X48 16.00	SIGNAL AHEAD (SYMBOL) BE PREPARED TO STOP	R2-1 R3-1		8 16.0					SPEED LIMIT XX NO RIGHT TURN (SYMBOL)	6161070 6161095		TUBULAR MARKER RADAR SPEED ADVISORY SYSTEM	┨┃┃┃┃
WO3-5 48X48 16.00	SPEED LIMIT AHEAD	R3-2	_	8 16 0		+ +			NO LEFT TURN (SYMBOL)	1		CHANGEABLE MESSAGE SIGN,	┤┃ _┃ ┃ ┃
WO4-1L 48X48 16.00	MERGE (SYMBOL FROM LEFT)	R3 - 3		6 9 00					NO TURNS	6161096		COMMISSION FURNISHED/RETAINED	
WO4-1R 48X48 16.00	MERGE (SYMBOL FROM RIGHT)	R3-4		8 16.0					NO U-TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN W/O COMM.	│
WO4-1aL 48X48 16.00	MERGE (ARROW SYMBOL)	R3-7L		0 6.25					LEFT LANE MUST TURN LEFT	6161098A	2	INTERFACE - CONTRACTOR FURNISHED/RETAINED	T B
WO4-1aR 48X48 16.00	MERGE (ARROW SYMBOL)	R3 - 7R		0 6.25		+			RIGHT LANE MUST TURN RIGHT			CHANGEABLE MESSAGE SIGN WITH COMM.	
WO5-1 48X48 16.00 WO5-3 48X48 16.00	ROAD/BRIDGE/RAMP NARROWS ONE LANE BRIDGE	R4-1 R4-2		8 12.0					DO NOT PASS PASS WITH CARE	6161099 6162000A		INTERFACE - CONTRACTOR FURNISHED/RETAINED WORK ZONE TRAFFIC SIGNAL SYSTEM	'
WO5-5 48X48 16.00	NARROW LANES	R4-8a		8 12.0					KEEP LEFT (HORIZONTAL ARROW)	6162000		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-1 48X48 16.00	DIVIDED HIGHWAY (SYMBOL)	R4-7a		8 12 0					KEEP RIGHT (HORIZONTAL ARROW)	0102002		TEMPORARY TRAFFIC BARRIER	
WO6-2 48X48 16.00	DIVIDED HIGHWAY END (SYMBOL)	R5-1		0 6.25					DO NOT ENTER	61736000		CONTRACTOR FURNISHED/RETAINED	
WO6-3 48X48 16.00	TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X2	4 6.00					WRONG WAY			TEMPORARY TRAFFIC BARRIER	ا ا اسا ا
WO7-3a 30X24 5.00	NEXT XX MILES (PLAQUE)	R6-1L		8 6.75					ONE WAY ARROW (LEFT)	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO8-1 48X48 16.00	BUMP	R6-1R		8 6.75					ONE WAY (LEET)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	$+$ \parallel \perp \perp \perp \perp
WO8-2 48X48 16.00 WO8-3 48X48 16.00	DIP PAVEMENT ENDS	R6-2L R6-2R		0 5.00					ONE WAY (LEFT) ONE WAY (RIGHT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER TEMPORARY TRAFFIC BARRIER	- 8
WO8-4 48X48 16.00	SOFT SHOULDER	R9-9		2 2.00		4			SIDEWALK CLOSED	6176000B		COMMISSION FURNISHED/RETAINED	115
WO8-5 48X48 16.00	SLIPPERY WHEN WET (SYMBOL)		1						SIDEWALK CLOSED AHEAD,			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	1 ≥
WO8-6 48X48 16.00	TRUCK CROSSING (WITH FLAGS)	R9-11L	24X1	8 3.00	1				(ARROW LEFT) CROSS HERE	6177000B		COMMISSION FURNISHED/RETAINED] [5
WO8-6c 48X48 16.00	TRUCK ENTRANCE								SIDEWALK CLOSED AHEAD,	6208064A		TEMPORARY RAISED PAVEMENT MARKER	NS NS
W08-7 36X36 9.00	LOOSE GRAVEL	R9-11R				3		61	(ARROW RIGHT) CROSS HERE	9029400		TEMPORARY TRAFFIC SIGNALS	- 4
WO8-7a 36X36 9.00 WO8-9 48X48 16.00	FRESH OIL/LOOSE GRAVEL LOW SHOULDER	R10-6 R11-2	_			20			STOP HERE ON RED (45^ ARROW) ROAD CLOSED	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	ქ ენ
WO8-11 48X48 16.00	UNEVEN LANES		40//3	0 10.0	3 Z	20			ROAD CLOSED XX MILES AHEAD				AND
WO8-12 48X48 16.00	NO CENTER LINE	R11-3a	60X3	0 12.50	0				LOCAL TRAFFIC ONLY				SIE
WO8-15 48X48 16.00	GROOVED PAVEMENT	R11-4							ROAD CLOSED TO THRU TRAFFIC				
WO8-15P 30X24 5.00	MOTORCYCLE (PLAQUE)	CONST-3							FINE SIGN				
W08-17 48X48 16.00	SHOULDER DROP-OFF (SYMBOL)	CONST-3	3X 56X1	2 4.67	_	CELL ANSON	CTCNC		SPEEDING/PASSING (PLATE)	μ			J ₹ 🔼
W08-17P 30X24 5.00 W10-1 42RND. 9.62	SHOULDER DROP-OFF (PLAQUE)	CONST	1000	6 12 0	_	CELLANEOUS	SIGNS	1	POINT OF PRESENCE	-			
W012-1 24X24 4.00	RAILROAD CROSSING DOUBLE DOWN ARROW (SYMBOL)	CONST - 5				64			POINT OF PRESENCE	1			
WO12-1 24X24 4.00 WO12-2 48X48 16.00	LOW CLEARANCE (SYMBOL)	CONST-7				+ 5 -			RATE OUR WORK ZONE				SS ~
W012-2X 24X18 3.00	LOW CLEARANCE (PLAQUE)	CONST - 7				36			RATE OUR WORK ZONE	1			
WO12-2a 84X24 14.00	OVERHEAD LOW CLEARANCE (FEET AND INCHES)	CONST-8			_				WORK ZONE NO PHONE ZONE]			F -
WO12-4 120X60 50.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD												
W012-5 120X60 50.00	WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	$\dashv \vdash$	+		1								I S
WO13-1 30X30 6.25	ADVISORY SPEED (PLAQUE) XXX FEET (PLAQUE)	$\dashv \vdash -$	+	_	1	+							"
WO16-2 30X24 5.00 WO16-3 30X24 5.00	XXX FEET (PLAQUE) X MILE (PLAQUE)	$\dashv\vdash$	+			+				1			⊢
WO20-1 48X48 16.00 3 48	2 ROAD/BRIDGE/RAMP WORK AHEAD	\dashv	+			+ +				1			I
WO20-2 48X48 16.00	DETOUR AHEAD		1]			
WO20-3 48X48 16.00	ROAD CLOSED AHEAD]			UAN
WO20-4 48X48 16.00 4 64	11 ONE LANE ROAD AHEAD	616-1				TOTAL							_
W020-5 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD	CONSTI		ON SI	GNS	430							\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
WO20 - 5a 48X48 16.00	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	616-1		S I CNC			TOTAL						OF.
WO20-6a 48X48 16.00 WO20-7a 48X48 16.00 3 48	RIGHT/CENTER/LEFT LANE CLOSED 8 FLAGGER (SYMBOL, WITH FLAGS)	RELOCA	AIED	3 I GNS			0						
WO21-2 36X36 9.00	FRESH OIL	\dashv											SUMMARY
W021-5 48X48 16.00 3 48	21 SHOULDER WORK AHEAD	_											یے ا
WO22-1 48X48 16.00	BLASTING ZONE AHEAD												
W033 3 43Y36 10 F0	TURN OFF 2-WAY RADIO AND PHONE												
WO22-2 42X36 10.50													_ =
WO22-2 42X36 10.50 WO22-3 42X36 10.50 GO22-1 21X15 2.19 2 4.38	END BLASTING ZONE - WET PAINT (ARROW PIVOTS)												- Su



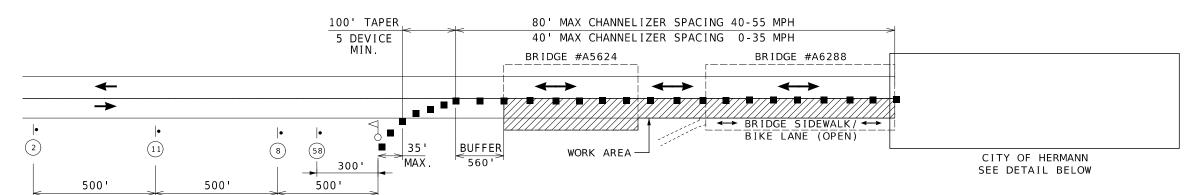
BRIAN UNTIEDT NUMBER PE-200900113

8/3/2023 MO SHEET NO 3

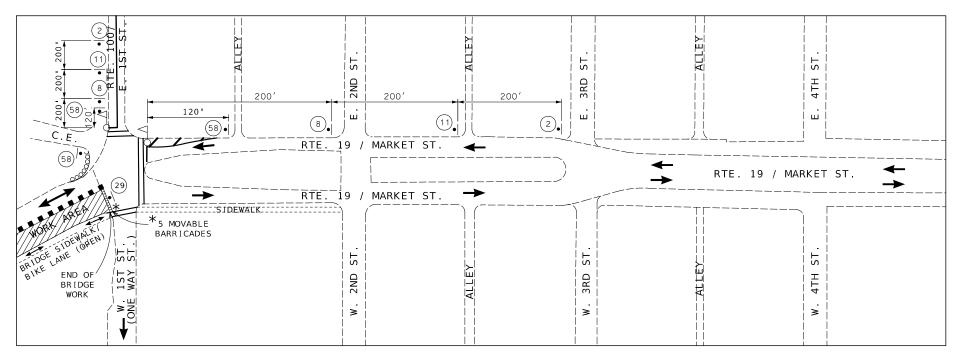
CONTROL 1 OF 6

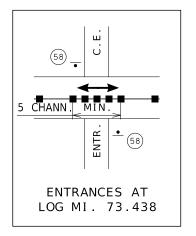


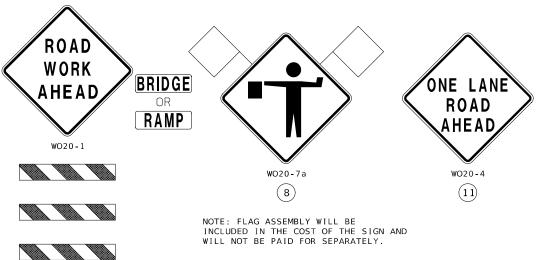
ONE-LANE TWO-WAY OPERATION WITH FLAGGERS (WORK AREA SOUTHBOUND LANE)



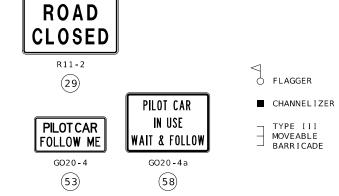
DETAIL - CITY OF HERMANN







2



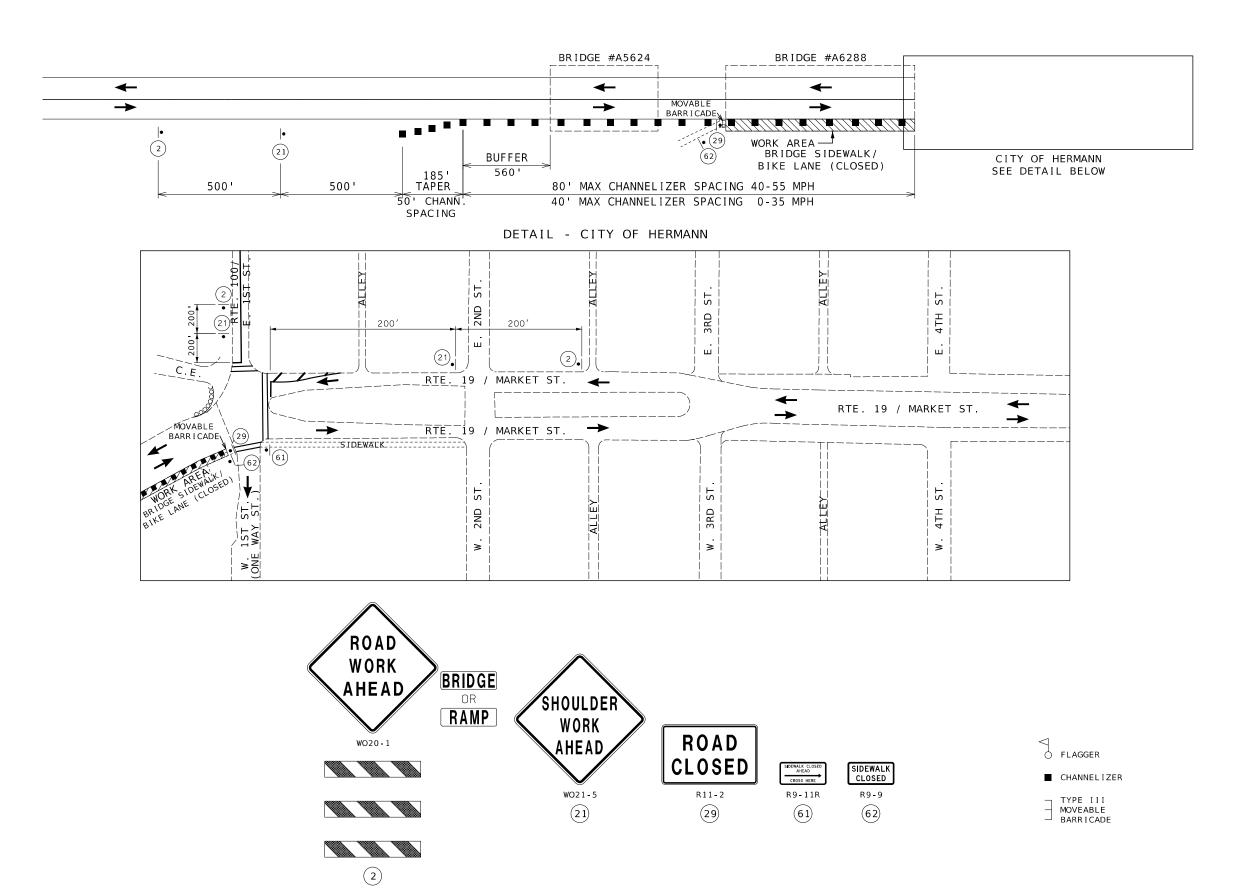
NOTE: "PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.

INSTALL ON BACK AND SIDES OF PILOT VEHICLE.

DIS	03:06/2 BRIAN MO-F DATE 3 / 2 OUTE 19	BR UNT VUN 2000 0 N 1	IAN IEDT 18EP 9001	137 29 A A COIV 1137 RED ST. M	ATE IO	
	MON	Т(ов Е(ои О (МЕ 22		•
	PRO		E N			
TE DESCRIPTION						
MISSOURI HIGHWAYS AND TRANSPORTATION DATI				105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET 3 OF 6

SHOULDER WORK OPERATION (WORK AREA BRIDGE SIDEWALK/BIKE LANE)



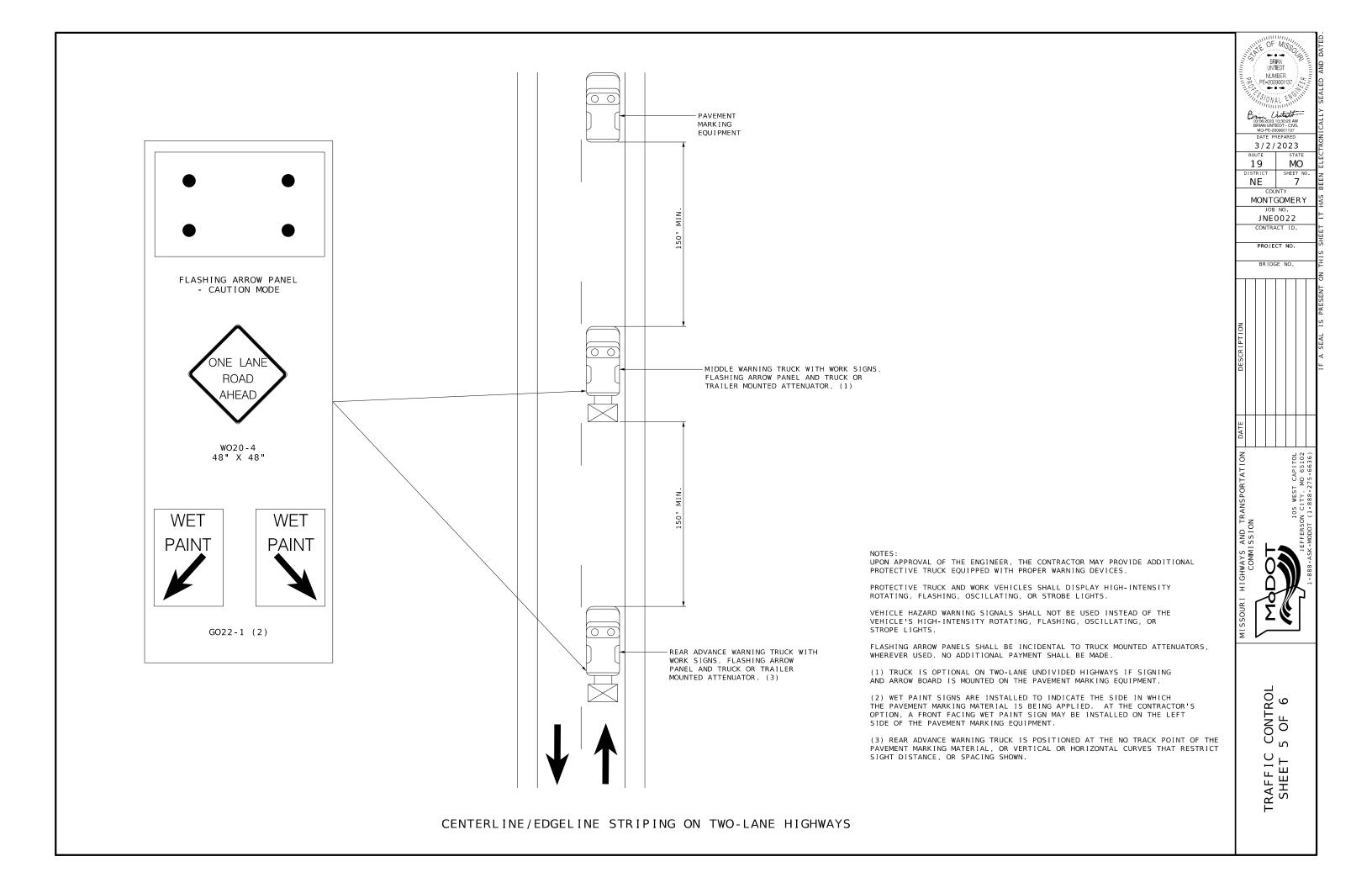
3/2/2023

19 NE

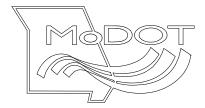
MONTGOMERY JNE0022 CONTRACT ID.

PROJECT NO

CONTROL 4 OF 6 TRAFFIC SHEET 4



Bridge Improvements



Fall 2024

9.875 — *	33.75	*	52.375	*
9.875 —		76.25		
9.875		-10 	6 -	→ 13.75 →
		96		

CONST-5-96 SH-FLAT SHEET;

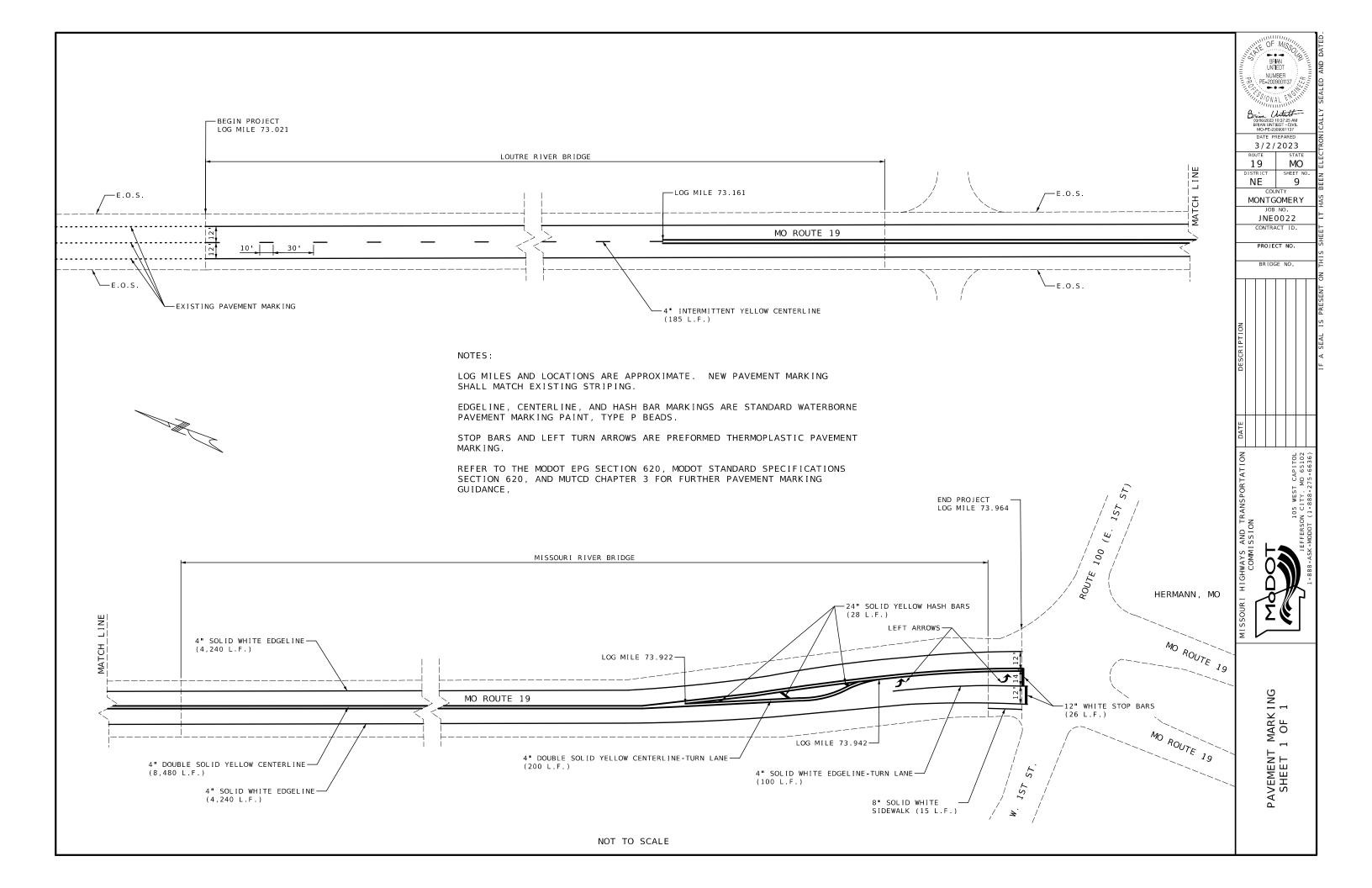
3.000" Radius, 1.000" Border, White on, Blue;

"Bridge", D; "Improvements", D; "Fall 2024", D;

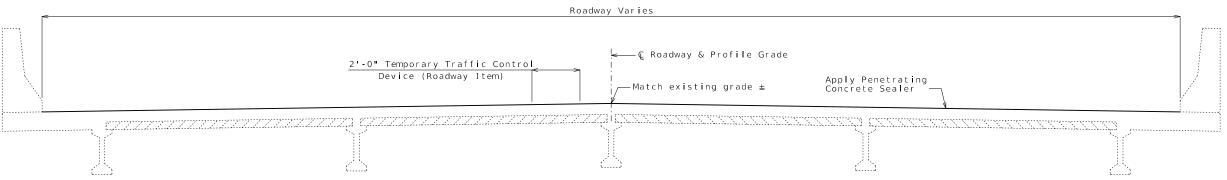
Table (or iction	and obj	cot ions								
В	r	1	d	q	е						
9.875	17.750	22.750	26.000	32.625	39.125						
I	m	p	r	0	V	e	m	e	n	t	S
9.875	14.000	24.000	30.625	35.000	41.000	47.625	54.250	63.750	70.375	76.750	81.625
	F	a	1	1	2	0	2	4			
9.875	42.750	47.000	52.375	55.250	62.125	67.375	72.625	77.875			

THILITIAN	В	PE- ''''	BRI UNTI NUM -2009 	BER 10011 1:09:3 DT -109001	37 37 32 AM 22 AM 137 18 ED	3 ATE	
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			ITR/			•	
		PR	DJE	СТ	NO.		
		BR	IDO	E 1	VO.		
DESCRIPTION							
DATE							
MISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION		Modol		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	(3C33 3FC 000 L) TOTOM 734 000 L

TRAFFIC CONTROL PLAN SHEET 6 OF 6

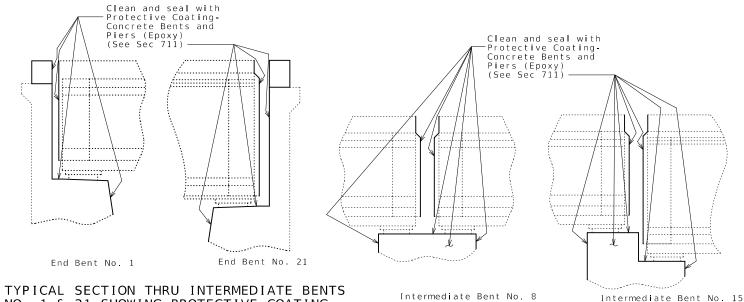


U.I.P. AND REHABILITATE EXISTING (92.4'-6 @ 91')(7 @ 91') PRESTRESSED CONCRETE I-GIRDER, (100'-4 @ 115'-100') BULB-TEE GIRDER SPANS



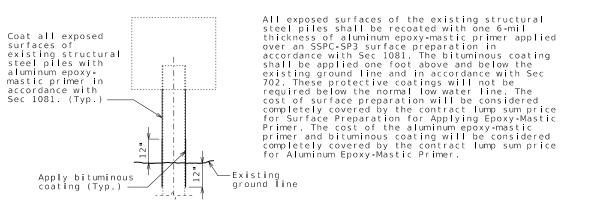
TYPICAL SECTION THRU EXISTING DECK

(Prestressed Concrete I-Girder shown, Bulb-Tee similar)



NO. 1 & 21 SHOWING PROTECTIVE COATING

TYPICAL SECTION THRU INTERMEDIATE BENTS NO. 8 & 15 SHOWING PROTECTIVE COATING



SECTION THRU INT. BENTS NO. 2-14 SHOWING RECOATING OF PILES

Estimated Quantities		
I t em		Total
Removal of Existing Bearings	each	1
Penetrating Concrete Sealer	sq. yard	9190
Protective Coating-Concrete Bents and Piers (Epoxy)	lump sum	1
Surface Preparation for Applying Epoxy-Mastic Primer	lump sum	1
Aluminum Epoxy-Mastic Primer	lump sum	1
Type N PTFE Bearing	each	1

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications Bridge Deck Rating =

Design Loading:

HS20-44 (Existing)

Concrete Protective Coatings

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface

Outline of existing work is indicated by light dashed lines. Heavy lines indicate

Contractor shall verify all dimensions in field before ordering new material.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

4/4/2023 19 MO SHEET NO BR 1 MONTGOMERY JNE0022 CONTRACT ID. PROJECT NO. BRIDGE NO A56242

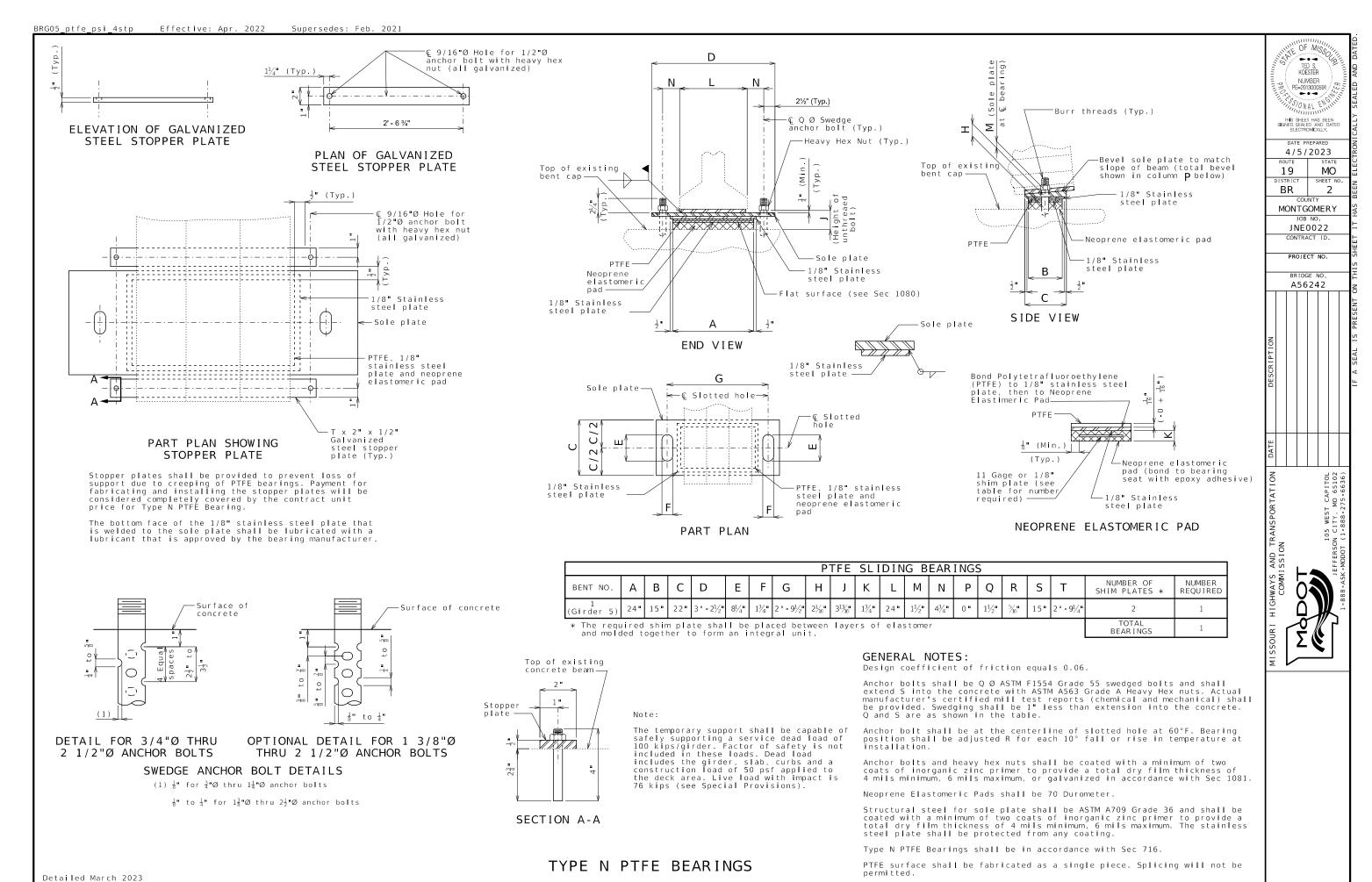
TED S. KOESTER

NUMBER PE-2013000591

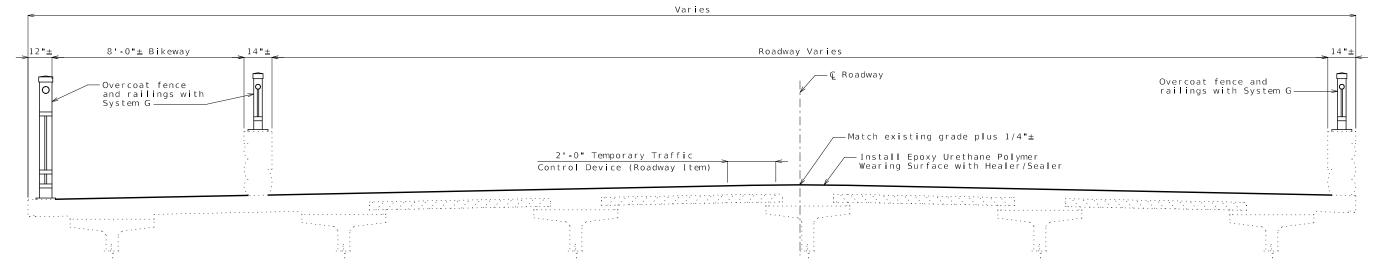
SS/ONAL E

REPAIRS TO BRIDGE OVER THE LOUTRE RIVER

ROUTE 19 FROM ROUTE 94 TO HERMANN ABOUT 0.6 MILE SOUTH OF ROUTE 94 BEGINNING STATION 42+81.75± (Match Existing)

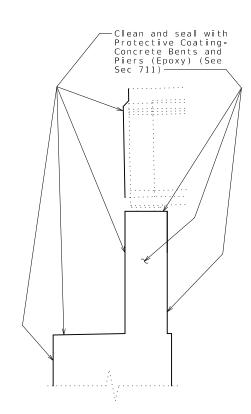


U.I.P. AND REHABILITATE EXISTING (122'-122') PRESTRESSED CONCRETE BULB-TEE GIRDER SPANS, (340'-460'-425'-315') COMPOSITE PLATE GIRDER SPANS, (110'-120'-120'-110') PRESTRESSED CONCRETE BULB-TEE GIRDER SPANS



TYPICAL SECTION THRU EXISTING DECK

(Prestressed Concrete Bulb-Tee Girder shown, Plate Girder similar)



TYPICAL SECTION THRU INTERMEDIATE BENTS NO. 3 & 7 SHOWING PROTECTIVE COATING

Estimated Quantities		
I t em		Total
Epoxy Urethane Polymer Wearing Surface with Healer/Sealer	sq. yard	13,353
Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
Surface Preparation for Overcoating Structural Steel (System G)	lump sum	1
Intermediate Field Coat (System G)	lump sum	1
Finish Field Coat (System G)	lump sum	1

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications Bridge Deck Rating = 7

Design Loading:

HS20 Modified (Existing)

Protective Coatings:

Structural Steel Protective Coating: System G in accordance with Sec 1080.

Surface Preparation: Surface preparation of the existing steel shall be in accordance with Sec 1081 for Overcoating of Structural Steel. The cost of surface preparation will be considered completely covered by the contract lump sum price for Surface Preparation for Overcoating Structural Steel (System G).

Field Coats: The color of the field coat shall be Black (Federal Standard #17038). The cost of the intermediate field coat will be considered completely covered by the contract lump sum price for Intermediate Field Coat (System G). The cost of the finished field coat will be considered completely covered by the contract lump sum for Finish Field Coat (System G).

Concrete Protective Coating: Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before ordering new material.

The contractor shall exercise care to insrue spillage over joint edges is prevented and that a neat line is obtained along any terminating edge of the wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE 19
OVER MISSOURI RIVER & UPRR
ROUTE 19 FROM ROUTE 94 TO HERMANN

ROUTE 19 FROM ROUTE 94 TO HERMANN
ABOUT 0.1 MILE NORTH OF HERMANN
BEGINNING STATION 13+17.56± (Match Existing)

JRI HIGHWAYS AND TRANSPORTATION DA
COMMISSION

105 WEST CAPITOL

1-888-ASK-MODOT (1-888-275-6636)

RGE 5W

TED S. KOESTER

NUMBER PE-201300059

7/27/2023

MONTGOMERY

JNE0022
CONTRACT ID.

PROJECT NO.

A62881

MO SHEET NO

1

19

BR